Qty:

Each

1 Um:

: HIGH AFT X-TUBE 412

D412-664-243 REV D

: D412664203

: 31/08/2008

: N/A

: D

Date: User:

Tuesday, 12/08/2008 8:45:40 AM

Linda Lacelle

Process Sheet

Drawing Name

Part Number

Material

Due Date

EC

JLM

Drawing Number

Project Number

Drawing Revision

Customer Job Number : CU-DAR001 Dart Helicopters Services

S.O. No. :

: 41154 : 10559

Estimate Number

P.O. Number

: 12/08/2008 This Issue : NC

Prsht Rev. First Issue

: 12/08/2008

: 41153

Previous Run

Written By

Checked & Approved By

Comment

: Est Rev:E Est Rev:F 06-03-29

Type

Remove Coments on Pick List JLM Est Rev:G 06.12.08 per ECN 886

: CROSSTUBES

As per Rev D Est Rev:H 07-04-30 Est Rev:I 08-06-12

add comment in seq. 21 DD verified

Reformat; Added D3189-1 K/DS

by:EC

Additional Product

Job Number:



Seq. #:

Machine Or Operation:

Description:

DOCUMENT CONTROL

1.0 DC

JCD 08.8.26

Comment: DOCUMENT CONTROL

Photocopy bluefile and create labels as per PPP D412-664-203 CHG 006

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

3.0

2.0

D412664203TRN

Crosstube Turning Detail



Comment: Qty.: 1.0000 Each(s)/Unit Total:

1.0000 Each(s) CROSSTUBE TURNING DETAIL

K40834

4.0

BENDING

DIMENSIONAL CHECK OF X-TUBES

08.08.2



Comment: BENDING MACHINE

Bend tube as per Dwg D412-664-243 using CNC bender program 412-af and Folio F

5.0

Comment: DIMENSIONAL CHECK OF X-TUBES





W/O:			WO	RK ORDER CHANG	ES	· ·			
DATE	STEP	PR	OCEDURE CHAI	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
			·						
			•						
Part No	:	PAR #:	Fault Categ	ory:	_ NCR: Yes	No DQ	A:	Date:	
					QA: N	/C Close	d:	Date:	
NCR:			WORK ORDE	R NON-CONFORM	ANCE (NCR	2)			
DATE	STEP	Description of NC	Initial	Corrective Action Section	ion B Sign &		cation	Approval	Approval
		Section A	Chief Eng	Action Description Chief Eng	Date	Secti	ion C	Chief Eng	QC Inspector
									4

Tuesday, 12/08/2008 8:45:40 AM Date: , Linda Lacelle User: **Process Sheet** Customer: CU-DAR001 Dart Helicopters Services Drawing Name: HIGH AFT X-TUBE 412 Part Number: D412664203 Job Number: 41154 Job Number: Description: Seq. #: **Machine Or Operation:** CROSSTUBES RESOURCE 1 6.0 CROSSTUBES Comment: LANDING GEAR RESOURCE 1 1-Drill pilot holes in tube as per Dwg D412-664-243 using drill Jig DT8550 & DT8551 2-Ream hole to finish size in tube as per Dwg D412-664-243using drill Jig DT8550 & DT8551.Check dimensions between holes, both sides on both cuffs, to ensure alignment with saddle holes. 3-Deburr & Inspect for surface damage. Repair damage within limits as per Dwg D412-664-243 HAND FINISHING RESOURCE #1 7.0 HAND FINISHING1 8-8-12 AUT-22 Comment: HAND FINISHING RESOURCE #1 Chemical Conversion Coat as per QSI 005 4.1 INSPECT POWDER COAT/CHEMICAL CONVERSION QC3 8.0 Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION INSPECT WORK TO CURRENT STEP 9.0 QC5 Comment: INSPECT WORK TO CURRENT STEP OUTSIDE SERV.10 OUTSIDE SERVICES -skids 10.0 Comment: Sub-Contracting OUTSIDE SERVICES Liquid Penetrant Inspection as per QSI 038Or CL08108/28 (1) Issue P/O: 7041 LPI as per ASTM 1417 Level 2 Attach copy of NDT results to work order PACKAGING RESOURCE #1 PACKAGING 1 11.0

Comment: PACKAGING RESOURCE #1

Inspect for transit damage

Ensure copy of NDT results attached to work order.



W/O:		WORK ORDER	CHANGES				
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
		*					
Part No	;	PAR #: Fault Category:	NCR: Yes	No DQ	A:	_ Date: _	
			OA:	N/C Close	q٠	Date:	

NCR:			WORK ORD	ER NON-CONFORMAN	CE (NCR)			
		Description of NC		Corrective Action Section E	3	Verification	A	A
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector
						:		
		·						
	1]		1	

Tuesday, 12/08/2008 8:45:40 AM Date: . . Linda Lacelle User: **Process Sheet** Customer: CU-DAR001 Dart Helicopters Services Drawing Name: HIGH AFT X-TUBE 412 Part Number: D412664203 Job Number: 41154 Job Number: Seq. #: Description: Machine Or Operation: INSPECT WORK TO CURRENT STEP 12.0 QC5 0809 02 Comment: Inspect for damage & ensure results are as per Dwg D412-664-203 SPRAY PAINTING 13.0 SPRAY PAINTING Comment: SPRAY PAINTING 1-Prime inside and outside crosstube as per QSI 005 4.2 08 08 22 2-Paint outside crosstube with White Imron as per QSI 005 4.2 14.0 QC14 INSPECT SPRAY PAINT Comment: Inspect Spray Paint 08-08-29 Wrap in plastic bag to protect from scratches 15.0 D3595063570 RUBBER CUSHION 4.0000 Each(s)/Unit Total: 4.0000 Each(s) Comment: Qty.: **Rubber Cushion** mel or 09 or Batch: 16.0 D2856600 Comment: Qty.: 1.7640 f(s)/Unit Total: 1.7640 f(s) Pick: Qty Part number Description Batch 2 D2856-600(Cut to 10.090") Abrasion Strip D28961 17.0 Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) Pick: Description Batch Qty Part number M 68 09 0Z Support 3347/ 1 D2896-1 18.0 D31891 2.0000 Each(s)/Unit Total: 2.0000 Each(s) Comment: Qty.: Pick: **Description Batch** Qty Part number Chafing Sheild 39736 Ml 0905 02 2 D3189-1

W/O:		WORK ORDER CH	ANGES				
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	:	PAR #: Fault Category:	NCR: Yes	No DQ	A:	Date:	
			QA:	N/C Close	d:	Date:	

NCR:			WORK ORDE	ER NON-CONFORMAN	CE (NCR)			
		Description of NC		Corrective Action Section E	3	Verification	A	A
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector
								:
						,	ł	
į							 - -	~ -

Tuesday, 12/08/2008 8:45:40 AM Date: User: Linda Lacelle **Process Sheet** Drawing Name: HIGH AFT X-TUBE 412 Customer: CU-DAR001 Dart Helicopters Services Part Number: D412664203 Job Number: 41154 Job Number: Seq. #: Description: Machine Or Operation: MS2192028 Clamp(per MIL-DTL-8783C) 19.0 Comment: Qty.: Total: 4.0000 Each(s) Pick: **Description Batch** Qty Part number Clamp 108720 4 MS21920-28 20.0 MS2192030 clamp(per MIL-DTL-8783C) 2.0000 Each(s) Comment: Qty.: 2.0000 Each(s)/Unit Total: clamp(per MIL-DTL-8783C) batch: 106810 CROSSTUBES CROSSTUBES RESOURCE 1 21.0 Comment: LANDING GEAR RESOURCE 1 Assemble as per Dwg D412-664-203 1- Lightly scuff the bonded area using a 320 grit sand paper and clean the area with 41058 wash 'n' wipe 2-Install supports with magnobond as per QSI 015 Adhere for for 12 Hrs Batch: 108966 6398 Magnobond A/R Expiry Date: 10/2009 tinu 3:30pm 3-Install clamps as per Dwg D212-664-203 using installation jig DT9024 with 0.010 thick brass shims on both chafing sheild (D3189-1). Torque clamps to 80-100 in lb. INSPECT WORK TO CURRENT STEP 22.0 QC5 a Comment: INSPECT WORK TO CURRENT STEP PACKAGING 1 PACKAGING RESOURCE #1 23.0 Comment: PACKAGING RESOURCE #1 Pick Packing Kit Ç.

W/O:			'W	ORK ORDER CH	ANGES					
DATE	STEP	PRO	OCEDURE CHA			Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
		· .	p						.	
Part No	:	PAR #:	Fault Cate	egory:	NC	R: Yes	No DQ	\ \ :	Date:	
									Date:	
NCR:			WORK ORE	ER NON-CONFO	RMANCI	E (NCF	₹)			
DATE	STEP	Description of NC Section A	Initial Chief Eng	Corrective Action Action Descrip	Section B tion	Sign 8	Verific Section		Approval Chief Eng	Approval QC Inspector
		,		Ome: Eng						
					•					

Date: User:	Tuesday, 12/08/20 Linda Lacelle	008 8:45:40 AM	Process SI	neet		
Custo	mer: CU-DAR001	Dart Helicopters Services	Draw	ring Name: HIGH AFT X-	TUBE 412	
Job Nun	nber: 41154		Pa	rt Number: D412664203		
Job Number						
Seq. #:	Machine Or	Operation:		Description :		
24.0	AN640A		Bolt			
$\overline{}$	omment: Qty.:	######################################	: 4.0000 Each(s)			
	Bolt Batch:	M101971				SI
25.0	AN641A		Bolt			l
(1)						
Z c	•	2.0000 Each(s)/Unit Total	: 2.0000 Each(s)			۸
, ,	Bolt Batch:_ /	M107013		h ===	, -	الاو
26.0	AN960JD616		Washer	٠	1 11 12 12 13 13 13 13 1	
				m. 4		
∑ c₀	-	8.0000 Each(s)/Unit Total	: 18.0000 Each(s)			
	Washer Batch:	M107959				Sco
27.0	MS21042L6		Nut		110011100111001	
	mmont: Ot		. 6.0000 Fach(a)			
5 "	omment: Qty.: 6 Nut	6.0000 Each(s)/Unit Total	: 6.0000 Each(s)			
00.0	Batch:	M105077	X1919	TS FOR COMPLETENESS		SØ
28.0	QC4		INSPECT 100% KI	TS FOR COMPLETENESS		
		100% KITS FOR COMPLE		2 8€/C	02/05 €0	
29.0	PACKAGING		PACKAGING RESC	JURGE #1		
Co		ING RESOURCE #1				
	Identify a	nd pack for shipping as per l	PPP D412-664-203			
	*****Ens *****	ure tube is not packaged if c	uring time is less than 1	2 hrs, see step 27 for a	application time & date	
	Time & d	ate of packaging:	8/09/05 8	:00 Am		
	Location: PPP Rev	Rev (5/09/05 8	MS.	\$109/65	E
				<u> </u>	-1-1103	

Dart Ae	rospace Ltd						
W /O:		WORK ORDE	R CHANGES				
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
		·					
·		-					
Part No		PAR #: Fault Category:	NCR: Yes	No DQ	A:	Date:	
			QA:	N/C Close	d:	_ Date: _	
NCR:		WORK ORDER NON-C	ONFORMANCE (NC	R)			

NCR:			WORK ORDE	ER NON-CONFORMAN	CE (NCR)			
		Description of NC		Corrective Action Section E	<u> </u>	Verification	Annroyal	Annuara
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector
				····				

Date:

Tuesday, 12/08/2008 8:45:40 AM

User: Linda Lacelle

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: HIGH AFT X-TUBE 412

Job Number: 41154

Part Number: D412664203

Job Number:



Seq. #:

Machine Or Operation:

Description:

30.0

FINAL INSPECTION/W/O RELEASE

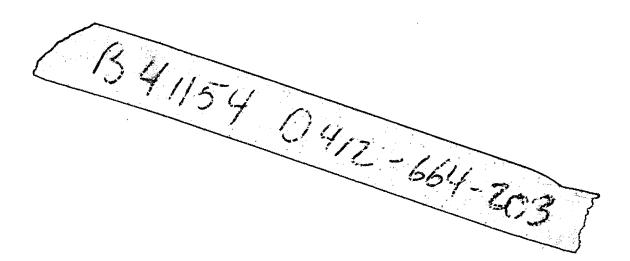




Comment: FINAL INSPECTION/W/O RELEASE

Job Completion

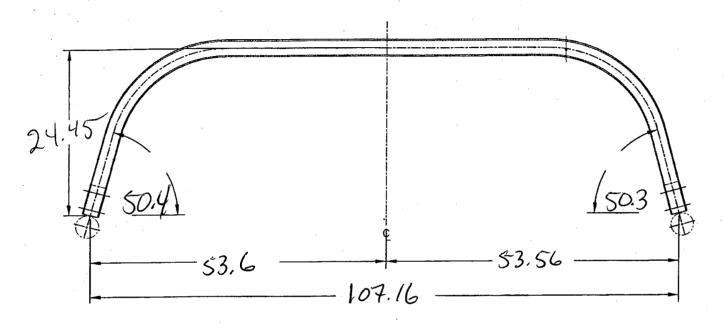




N/O:			W	ORK ORDER CHANGE	S				
DATE	STEP	PROC	EDURE CH	ANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approva QC Inspector
Part No		PAR #:	_ Fault Cat	egory:	NCR: Yes	No DQ	A:	Date:	
					QA:	N/C Close	d:	_ Date: _	
NCR:		W	ORK OR	ER NON-CONFORMA	NCE (NC	R)			
DATE	STEP	Description of NC Section A	Initial Chief Eng	Corrective Action Section Action Description Chief Eng	n B Sign Date	& Sect	cation ion C	Approval Chief Eng	Approval QC Inspector

DART AEROSPACE LTD	Work Order:	411.54
Description: Crosstube High Aft (412)	Part Number:	D412-664-203
Inspection Dwg: D412-664-243 Rev: D		Page 1 of 1

Required Dimension	Min	Max
Height	24.24	24.50
1/2 Span	53.59	53.85
Angle	49	52
Total Span	107.18	107.70



	Comments
	1
QC15 Inspec	on /
Date	08.08.21

Γ	Rev	Date	Change	Revised by	Approved
. [A	07.02.06	New Issue	KJ/JM	
T	В	07.05.08	Dimensions updated per Dwg rev. D	KJ/JLM c	fr

Dart Ae	rospace	Ltd							
W/O:			V	VORK ORDER CHANGES	· v· .				
DATE	STEP	PRO	PROCEDURE CHANGE					Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	:	PAR #:	Fault Ca	tegory: NC				Date: Date: _	
NCR:		·	ORK OR	DER NON-CONFORMANC	E (NCF	R)			
DATE	STEP	Description of NC	Corrective Action Section B			Verific	cation	Approval	Approval
DATE	SIEF	Section A	Initial Chief Eng	Action Description Chief Eng	Sign 8	& Section C		Chief Eng	QC Inspector



DESIG	PH PH DARI AEROSPACE LID HAWKESBURY, ONTARIO, CANADA							
CHECK	ŒD 🕜	APPROVED	DRAWING NO. REV. D					
	41	-HT	D412-664-243 SHEET 1 OF 3					
DATE			TITLE SCALE					
07.0	3.09		CROSSTUBE ASSEMBLY (412 HI AFT) NTS					
Α		01.10.17	NEW ISSUE					
В		05.02.04	ADD HOLES FOR COMPATABILITY WITH BHT/AA SKIDTUBES					
С		06.10.27	REMOVE D2856-600-1087, ADD D2732-058 & MAGNOBOND 6398 MS21920-32 WAS MS21920-30					
D		07.03.09	REMOVE D2732-058, CHANGE TO D3595-063-570					

OT 04.24

Qty	Part Number	Description
Х	D412-664-243	CROSSTUBE ASSEMBLY (412 HIGH AFT)
1	D6009-129	CROSSTUBE
2	D3595-063-570	RUBBER CUSHION
1	D2896-1	SUPPORT
2	D2856-600-1009	ABRASION STRIP
4	MS21920-28	CLAMP
2	MS21920-30	CLAMP (OR MS21920-32)
2	D3189-1	CHAFING SHIELD
A/R	MAGNOBOND 6398	ROCKWELL SPECIFICATION RBO-120-023 ADHESIVE (TEXTRON/BELL SPEC. 299-947-100, TYPE II, CLASS 2 ADHESIVE)
	<u> </u>	

GENERAL NOTES:

- 1) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED.
- 2) MATERIAL: MANUFACTURED FROM D6009-129 FINISHED LENGTH = 124.09±0.020
- 3) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
 PRIME INSIDE AND OUTSIDE PER DART QSI 005 4.2
 PAINT OUTSIDE PER DART 005 4.2
- 4) PART IS SYMMETRIC ABOUT CENTERLINE.
- 5) RUN-OFF PART. BLEND OUT EDGE LONGITUDINALY, TRANSITION SHOULD BE SMOOTH.
- 6) BEND PROGRESSIVELY WITH A MINIMUM OF 8 PASSES. MAXIMUM TUBE FLATTENING DUE TO BENDING IS 6% BASED ON O.D.
- 7) LIQUID PENETRANT INSPECT OUTSIDE SURFACE OF CROSSTUBE PER QSI 038.
- 8) SCRIBE DART PART NUMBER AND BATCH NUMBER IN THIS AREA WITH VIBRATING STYLUS.
- 9) INSTALL D2856-600-1009 ABRASION STRIP WITH A 0.13 (REF) GAP ON BOTTOM SIDE OF CROSSTUBE PER QSI 035.
- 10) EXTREME CARE MUST BE TAKEN TO PROTECT THE OUTSIDE SURFACE OF THE TUBE. THE OUTSIDE SURFACE MUST BE SMOOTH AND FREE FROM SURFACE DEFECTS SUCH AS SCRATCHES, NICKS, OR DENTS. DEFECTS UP TO 0.005" MAY BE BLENDED OUT LONGITUDINALLY. CIRCUMFERENTIAL GRIND MARKS ARE UNACCEPTABLE.

11) APPLY A 0.03" TO 0.06" THICK LAYER OF MAGNOBOND 6398 TO THE SURFACE OF D2896-1 THAT WILL BE IN CONTACT WITH THE CROSSTUBE PER QSI 015. LET CURE FOR 12 HOURS AFTER INSTALLATION AND PRIOR TO PACKAGING.

12) INSTALL MS21920-30 CLAMPS (OR -32) WITH D3595-063-570 RUBBER CUSHIONS TO SECURE D2896-1 SUPPORT ON TOP SIDE OF THE CROSSTUBE. ENSURE CLAMPS ARE OPPOSITE CROSSTUBE SUPPORT.

13) TORQUE CLAMPS 80 TO 100 IN-LB. ENSURE AT LEAST 1.5 THREADS SHOWING IN SAFETY AND THAT NUT HAS NOT BOTTOMED-OUT AFTER TORQUING.

SHOP COPY

RETURN TO

E ENGINEERING

UNCONTROLLED COPY

SUBJECT TO AMENDMENT

WITHOUT NOTICE

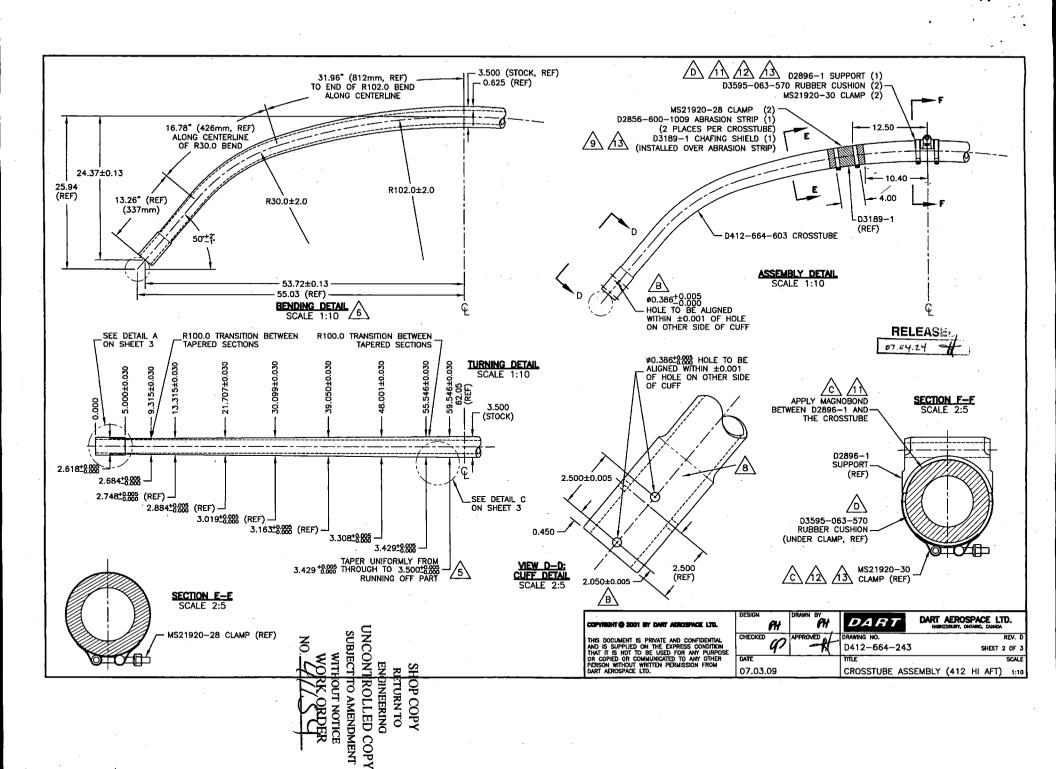
WORK ORDER

Copyright © 2001 by DART AEROSPACE LTD

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

W/O:			WORK ORDER CHANGES						
DATE	STEP	PR	OCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
Part No		PAR #:	Fault Category:	NCR: Yes No DQA:		A:	Date: _		
				QA:	N/C Close	d:	Date: _		

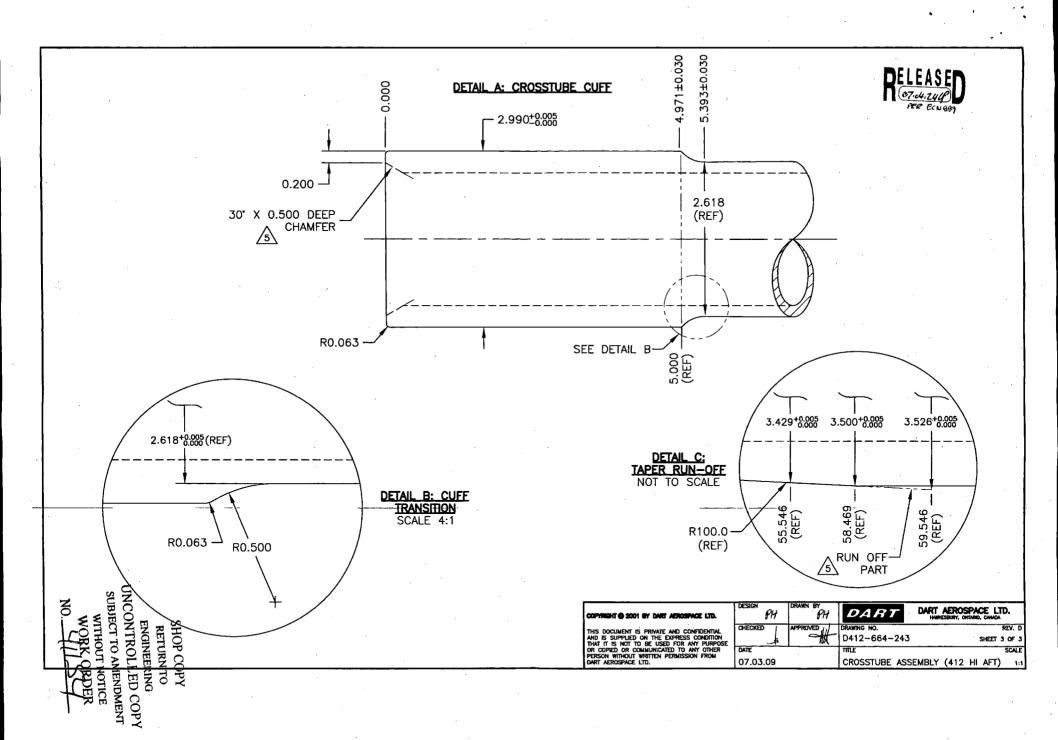
NCR: WORK ORDER NON-CONFORMANCE (NCR)								
		Description of NC		Corrective Action Section E	Verification	Ammental	Ammrousel	
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector
								٠.



W/O:		WORK ORDER	WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
Part No	:	PAR #: Fault Category:	NCR: Yes	No DQ	A:	Date:			

QA: N/C Closed: ____ Date: ____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)								
		Description of NC		Corrective Action Section B		Verification	A	Ammunici		
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector		
						,				



Dart Ae	rospace Ltd										
W/O:		WORK ORDER CHANGES									
DATE	STEP	PRO	OCEDURE CHANGE		Ву D	ate Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector			
-	-										
.:											
Dart No		DAD #.	Foult Cottonous	NOD			-				
rant NO	•	PAR #:	Fault Category:	•							
					QA: N/C	Closed:	Date: _				
NCR:		WORK ORDER NON-CONFORMANCE (NCR)									
			Corrective Actio	n Section B							

NCR:			WORK ORDE	ER NON-CONFORMAN	CE (NCR)	CR)				
		Description of NC		Corrective Action Section E	3	Verification	A	Approval QC Inspector		
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng			
								, ·		

LIQUID PENETRANT TEST REPORT P – 1454 1

	,	Lim 1 \	X010 1 -			.				
ACUREN					•			PAGE	1	OF 1
192 0	~ ~ ~ ~ * * FBOSDA	· 0E				AUG 28, 20	108			
CLIENT *	DART AEROSPA				DATE	188 08 1454		TIME	AM 🗅	PM 🖸
ATTENTION	1270 ABERDEEN				ACUREN JOB NO.	704				
ADDRESS					PO/WO No.	HAWKESBU				
	HAWKESBURY,	ONI.			WORK LOCATION	ASTM 1417/			2005	
	A LUCH AFT Y	TUBES, 212/205 HI	ICH EED X TU	RES 212	ACCEPTANCE STO	D.		REV./DA	TE	
PROJECT	-	41154, 41155, 413					W 177			
ITEM(S) EXAMINED	JOB#S 41195,	41154, 41100, 410	J1, 41332, 717		<u></u>					
JOB DESCRIPTION	ON	PROCEDURE NO.	LT-0002 REV	/./DATE		TECHNIQUE NO.	LT-TECH2	Rev./Da	TE .	
'PART NO. D4126	64203 /D21266410	1/D212664201/D20	06667203.		MATERIAL ALO	DINED ALUM.	Тн	IICKNESS _		
SCOPE WET	FI OURESCENT	LIQUID PENET	RANT INSPE	CTION	CARRIED OUT	ON 100% EXT	FERNAL SUF	RFACE		
300FE	1 LOOKLEGE.	had the second	W							
TEST DETAILS										
IESI DEIAILS									☐ Pos	
METHOD	Ø FLUOR	RESCENT	☐ VISIBLE		WATER WASH		SOLVENT REM		EMULSI	
	MAGNAFLUX	* *** ··· · · · · · · · · · · · · · · ·		RAINI	BLACK LGHT8171 LIGHTING EQUIP.		OUTPUT > 100			HENT < 2 fc
PENETRANTZL67 PENETRANT REMOV	<u>π</u> Β ⊔2∩	MINIMUM DWELL T		Min. Min.	OTHER	CAL JUNE 16		71 🐷 🐷	701- 10-	
	SKDS2	MINIMUM DWELL 1		Min.	LIGHT METER S/N			CAL DU	E DATE	
DEVELOPER TYPE	Ø Non Aqui			ťΥ						
TEST SURFACE						Dr.	<u> </u>	51 (BAE	, — 1 Serral
SURFACE CONDITIO			AS WELDED		MACHINED	☐ SHOT BLA	ASTED F to 52°C/125		CLEAN BAR > 52°C/125	
SURFACE TEMPERA RESULTS-	TURE <-4°C/20	0°F U - ☑ IMPERIAL)	4°C/20°F TO 10	U*C/50 i	-	10 0/50	F 10 02 07 120	<u> </u>	<u> </u>	
CARRIE SURFAI 412 H) 212/20 212/20 206L A RESU	ED OUT ON 100% E CE ON: GH AFT X TUBE JOB D5 HIGH FED X TUBE D5 HIGH AFT X TUBE AFT X TUBE JOB#S: LTS: NO INDICA ITEMS ACCE	#s 41153, 41154. ES JOB# 41155. ES JOB#S: 41401, 41391, 41392. TION OF DEFEC PTABLE TO STA) 41402 :TS. NDARD		'n		, or			
The agreement of Acuren (understood that all descript be construed as represental decisions as a result of the of Standard of Care	tions, comments and express tions or warranties. Acure tala or other information properties. Acuren Group Inc. I by Acuren Group Inc.	ices extends only to those secsions of opinion reflect the on Group line. Is not assuming rovided by Acuren Group line. I uses the degree, care and skill the opinion reflection of the degree of the	opinions or observation og any responsibilities :. In no event shall Act	ons of Acuren s of the owne curen Group I	i Group Inc. based on info er operator and the owner Inc.'s liability in respect of	rmation and assumption operator retains comp of the services referred to rs performing such ser	ous supplied by the ow plete responsibility fo to herein exceed the a exices in the same or s	wher operator an or the engineering amount paid for s	nd are not inten- ing, mannifactur such services.	nded nor can mey re, repair and use
AMME (CIVILLY)	000010	1 ST TECHNICIAN		CCCDIO	2 ^{NO} TECHNICIAN			•		
	CGSB LEV	/EL <u>2</u> SNT LE G. NO 6156		CGSB LEVI CGSB REG		EVEL				ļ